

09/344693

(FILE 'HCAPLUS' ENTERED AT 11:07:46 ON 21 MAY 2003)

L1 1 SEA FILE=REGISTRY ABB=ON PLU=ON GLYCEROL/CN  
L2 1 SEA FILE=REGISTRY ABB=ON PLU=ON GLYCOL/CN  
L3 2 SEA FILE=REGISTRY ABB=ON PLU=ON L1 OR L2  
L13 34 SEA FILE=HCAPLUS ABB=ON PLU=ON PERORAL? AND (FILM OR  
LAMINAT? OR SHEET? OR DISC OR DISK OR DEVICE)  
L14 7 SEA FILE=HCAPLUS ABB=ON PLU=ON L13 AND (L3 OR LUBRICANT  
OR LUBRICAT? OR GLYCEROL OR GLYCOL OR GLYCERIN)  
L15 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L14 AND SOLVENT  
L16 0 SEA FILE=HCAPLUS ABB=ON PLU=ON L15 AND (POLYMER OR  
BINDER OR MATRIX? OR MATRICES)

(FILE 'MEDLINE, BIOSIS, EMBASE, WPIDS, CONFSCI, SCISEARCH,  
JICST-EPLUS, JAPIO, CABA, AGRICOLA, VETB, VETU' ENTERED AT 11:09:54  
ON 21 MAY 2003)

L17 1 S L16  
L18 0 S L17 NOT L12

(FILE 'USPATFULL' ENTERED AT 11:17:10 ON 21 MAY 2003)

L1 1 SEA FILE=REGISTRY ABB=ON PLU=ON GLYCEROL/CN  
L2 1 SEA FILE=REGISTRY ABB=ON PLU=ON GLYCOL/CN  
L3 2 SEA FILE=REGISTRY ABB=ON PLU=ON L1 OR L2  
L37 60306 SEA FILE=USPATFULL ABB=ON PLU=ON (ORAL? OR MOUTH OR  
BUCCA# OR TONGUE OR CHEEK OR MUCOSA# OR PER OS OR  
PERORAL?) (S) (FILM OR LAMINAT? OR SHEET? OR DISC OR DISK  
OR DEVICE)  
L38 1736 SEA FILE=USPATFULL ABB=ON PLU=ON L37(S) (L3 OR LUBRICANT  
OR LUBRICAT? OR GLYCEROL OR GLYCOL OR GLYCERIN)  
L39 255 SEA FILE=USPATFULL ABB=ON PLU=ON L38(S) SOLVENT  
L40 165 SEA FILE=USPATFULL ABB=ON PLU=ON L39(S) (POLYMER OR  
BINDER OR MATRIX? OR MATRICES)  
L41 13 SEA FILE=USPATFULL ABB=ON PLU=ON L40(S) (MAMMAL? OR  
ANIMAL OR LIVESTOCK OR COW OR CATTLE OR CANINE OR DOG OR  
FELINE OR CAT OR GOAT OR SHEEP OR HORSE OR EQUINE OR  
PORCINE OR PIG OR HOG OR OVINE OR LAMB OR BULL OR MULE  
OR PET)

L1 1 SEA FILE=REGISTRY ABB=ON PLU=ON GLYCEROL/CN  
L2 1 SEA FILE=REGISTRY ABB=ON PLU=ON GLYCOL/CN  
L3 2 SEA FILE=REGISTRY ABB=ON PLU=ON L1 OR L2  
L37 60306 SEA FILE=USPATFULL ABB=ON PLU=ON (ORAL? OR MOUTH OR  
BUCCA# OR TONGUE OR CHEEK OR MUCOSA# OR PER OS OR  
PERORAL?) (S) (FILM OR LAMINAT? OR SHEET? OR DISC OR DISK  
OR DEVICE)  
L38 1736 SEA FILE=USPATFULL ABB=ON PLU=ON L37(S) (L3 OR LUBRICANT  
OR LUBRICAT? OR GLYCEROL OR GLYCOL OR GLYCERIN)  
L39 255 SEA FILE=USPATFULL ABB=ON PLU=ON L38(S) SOLVENT  
L40 165 SEA FILE=USPATFULL ABB=ON PLU=ON L39(S) (POLYMER OR  
BINDER OR MATRIX? OR MATRICES)  
L42 25 SEA FILE=USPATFULL ABB=ON PLU=ON L40(S) DELIVERY

L43 29 S L41 OR L42

L43 ANSWER 1 OF 29 USPATFULL

ACCESSION NUMBER: 2003:121125 USPATFULL

Searcher : Shears 308-4994

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TITLE: Device for transdermal electrotransport delivery  
of fentanyl and sufentanil  
INVENTOR(S): Southam, Mary, Menlo Park, CA, UNITED STATES  
Bernstein, Keith J., Somerville, NJ, UNITED  
STATES  
Noorduyn, Henk, Bergen op Zoom, NETHERLANDS

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003083609	A1	20030501
APPLICATION INFO.:	US 2002-190022	A1	20020702 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-781041, filed on 9 Feb 2001, GRANTED, Pat. No. US 6425892		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	ALZA CORPORATION, P O BOX 7210, INTELLECTUAL PROPERTY DEPARTMENT, MOUNTAIN VIEW, CA, 940397210		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Page(s)		
LINE COUNT:	793		

AB The invention provides an improved electrotransport drug delivery system for analgesic drugs, namely fentanyl and sufentanil. The fentanyl/sufentanil is provided as a water soluble salt (e.g., fentanyl hydrochloride), preferably in a hydrogel formulation, for use in an electrotransport device (10). In accordance with the present invention, a transdermal electrotransport delivered dose of fentanyl/sufentanil is provided which is sufficient to induce analgesia in (e.g., adult) human patients suffering from moderate-to-severe pain associated with major surgical procedures.

INCL INCLM: 604/022.000  
NCL NCLM: 604/022.000

L43 ANSWER 2 OF 29 USPATFULL

ACCESSION NUMBER: 2003:106233 USPATFULL  
TITLE: Compositions and methods for the therapy and  
diagnosis of pancreatic cancer  
INVENTOR(S): Benson, Darin R., Seattle, WA, UNITED STATES  
Kalos, Michael D., Seattle, WA, UNITED STATES  
Lodes, Michael J., Seattle, WA, UNITED STATES  
Persing, David H., Redmond, WA, UNITED STATES  
Hepler, William T., Seattle, WA, UNITED STATES  
Jiang, Yuqiu, Kent, WA, UNITED STATES  
PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES,  
98104 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003073144	A1	20030417
APPLICATION INFO.:	US 2002-60036	A1	20020130 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-333626P	20011127 (60)
	US 2001-305484P	20010712 (60)
	US 2001-265305P	20010130 (60)
	US 2001-267568P	20010209 (60)

Searcher : Shears 308-4994

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US 2001-313999P 20010820 (60)  
US 2001-291631P 20010516 (60)  
US 2001-287112P 20010428 (60)  
US 2001-278651P 20010321 (60)  
US 2001-265682P 20010131 (60)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701  
FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092  
NUMBER OF CLAIMS: 17  
EXEMPLARY CLAIM: 1  
LINE COUNT: 14253  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB Compositions and methods for the therapy and diagnosis of cancer,  
particularly pancreatic cancer, are disclosed. Illustrative  
compositions comprise one or more pancreatic tumor polypeptides,  
immunogenic portions thereof, polynucleotides that encode such  
polypeptides, antigen presenting cell that expresses such  
polypeptides, and T cells that are specific for cells expressing  
such polypeptides. The disclosed compositions are useful, for  
example, in the diagnosis, prevention and/or treatment of  
diseases, particularly pancreatic cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/007.230  
INCLS: 435/069.100; 435/320.100; 435/325.000; 435/183.000;  
536/023.200  
NCL NCLM: 435/007.230  
NCLS: 435/069.100; 435/320.100; 435/325.000; 435/183.000;  
536/023.200

L43 ANSWER 3 OF 29 USPATFULL

ACCESSION NUMBER: 2002:272801 USPATFULL  
TITLE: Compositions and methods for the therapy and  
diagnosis of colon cancer  
INVENTOR(S): Stolk, John A., Bothell, WA, UNITED STATES  
Xu, Jiangchun, Bellevue, WA, UNITED STATES  
Chenault, Ruth A., Seattle, WA, UNITED STATES  
Meagher, Madeleine Joy, Seattle, WA, UNITED  
STATES  
PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES,  
98104 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002150922	A1	20021017
APPLICATION INFO.:	US 2001-998598	A1	20011116 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-304037P	20010710 (60)
	US 2001-279670P	20010328 (60)
	US 2001-267011P	20010206 (60)
	US 2000-252222P	20001120 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701  
FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092

Searcher : Shears 308-4994

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NUMBER OF CLAIMS: 17  
EXEMPLARY CLAIM: 1  
LINE COUNT: 9233

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/006.000  
INCLS: 435/007.230; 435/069.100; 435/183.000; 435/320.100;  
435/325.000; 536/023.200  
NCL NCLM: 435/006.000  
NCLS: 435/007.230; 435/069.100; 435/183.000; 435/320.100;  
435/325.000; 536/023.200

L43 ANSWER 4 OF 29 USPATFULL

ACCESSION NUMBER: 2002:258475 USPATFULL

TITLE: pH-sensitive mucoadhesive film-forming gels and  
wax-film composites suitable for topical and  
mucosal delivery of molecules

INVENTOR(S): Mumper, Russell, Lexington, KY, UNITED STATES  
Jay, Michael, Lexington, KY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002142042	A1	20021003
APPLICATION INFO.:	US 2000-748133	A1	20001227 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MCDERMOTT, WILL & EMERY, 600 13th Street, N.W., Washington, DC, 20005-3096		
NUMBER OF CLAIMS:	62		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	12 Drawing Page(s)		
LINE COUNT:	1857		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to pH-sensitive mucoadhesive film-forming gels and wax-film composites suitable for topical and mucosal delivery of molecules of interest, namely active pharmaceuticals. The gels comprise a pharmaceutically acceptable pH-sensitive polymer that responds to a lowering of pH by precipitating into films when in contact with the skin or mucosal surface. The films also comprise an adhesive polymer that allows the film to remain in contact with the tissue for an extended period of time. The wax-film composites comprise a bi-layer film having both the said pH-sensitive mucoadhesive layer to promote strong adherence to the skin and mucosal surfaces as well as a specially bonded wax layer intended to extend the adherence of the film to tissues for a prolonged period of time. The invention also relates to the use of said pH-sensitive film-forming gels and wax-film composites to deliver molecules of interest, such as

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small molecules, peptides, proteins, and nucleic acids either locally to act at the site of administration or for the absorption of said molecules of interest across biological membranes into the systemic circulation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/487.000

NCL NCLM: 424/487.000

L43 ANSWER 5 OF 29 USPATFULL

ACCESSION NUMBER: 2002:243051 USPATFULL

TITLE: Compositions and methods for the therapy and diagnosis of ovarian cancer

INVENTOR(S): Algate, Paul A., Issaquah, WA, UNITED STATES

Jones, Robert, Seattle, WA, UNITED STATES

Harlocker, Susan L., Seattle, WA, UNITED STATES

PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002132237	A1	20020919
APPLICATION INFO.:	US 2001-867701	A1	20010529 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-207484P	20000526 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	11	
EXEMPLARY CLAIM:	1	
LINE COUNT:	25718	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly ovarian cancer, are disclosed. Illustrative compositions comprise one or more ovarian tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly ovarian cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/006.000

INCLS: 435/091.200

NCL NCLM: 435/006.000

NCLS: 435/091.200

L43 ANSWER 6 OF 29 USPATFULL

ACCESSION NUMBER: 2002:242827 USPATFULL

TITLE: pH-sensitive mucoadhesive film-forming gels and wax-film composites suitable for topical and mucosal delivery of molecules

INVENTOR(S): Mumper, Russell, Lexington, KY, UNITED STATES

Jay, Michael, Lexington, KY, UNITED STATES

Searcher : Shears 308-4994

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PATENT ASSIGNEE(S): UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002132008	A1	20020919
APPLICATION INFO.:	US 2002-72320	A1	20020207 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-748133, filed on 27 Dec 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	David L. Parker, Esq., FULBRIGHT & JAWORSKI L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX, 78701		
NUMBER OF CLAIMS:	62		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	12 Drawing Page(s)		
LINE COUNT:	1846		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to pH-sensitive mucoadhesive film-forming gels and wax-film composites suitable for topical and mucosal delivery of molecules of interest, namely active pharmaceuticals. The gels comprise a pharmaceutically acceptable pH-sensitive polymer that responds to a lowering of pH by precipitating into films when in contact with the skin or mucosal surface. The films also comprise an adhesive polymer that allows the film to remain in contact with the tissue for an extended period of time. The wax-film composites comprise a bi-layer film having both the said pH-sensitive mucoadhesive layer to promote strong adherence to the skin and mucosal surfaces as well as a specially bonded wax layer intended to extend the adherence of the film to tissues for a prolonged period of time. The invention also relates to the use of said pH-sensitive film-forming gels and wax-film composites to deliver molecules of interest, such as small molecules, peptides, proteins, and nucleic acids either locally to act at the site of administration or for the absorption of said molecules of interest across biological membranes into the systemic circulation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/487.000

NCL NCLM: 424/487.000

L43 ANSWER 7 OF 29 USPATFULL

ACCESSION NUMBER: 2002:242791 USPATFULL

TITLE: Compositions and methods for the therapy and diagnosis of colon cancer

INVENTOR(S): King, Gordon E., Shoreline, WA, UNITED STATES  
Meagher, Madeleine Joy, Seattle, WA, UNITED STATES

Xu, Jiangchun, Bellevue, WA, UNITED STATES  
Secrist, Heather, Seattle, WA, UNITED STATES  
PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002131971	A1	20020919

Searcher : Shears 308-4994

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APPLICATION INFO.: US 2001-33528 A1 20011226 (10)  
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2001-920300,  
filed on 31 Jul 2001, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-302051P	20010629 (60)
	US 2001-279763P	20010328 (60)
	US 2000-223283P	20000803 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	8083	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/155.100  
INCLS: 536/023.200; 435/183.000; 435/069.100; 435/325.000;  
435/320.100  
NCL NCLM: 424/155.100  
NCLS: 536/023.200; 435/183.000; 435/069.100; 435/325.000;  
435/320.100

L43 ANSWER 8 OF 29 USPATFULL

ACCESSION NUMBER: 2002:179185 USPATFULL  
TITLE: Tricyclic antidepressants and their analogues as  
long-acting local anesthetics and analgesics  
INVENTOR(S): Wang, Ging Kuo, Westwood, MA, UNITED STATES  
Gerner, Peter, Weston, MA, UNITED STATES  
PATENT ASSIGNEE(S): The Brigham and Woman's Hospital, Inc. (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002094975	A1	20020718
	US 6545057	B2	20030408
APPLICATION INFO.:	US 2001-965138	A1	20010926 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-235432P	20000926 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Edward R. Gates, Esq., Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA, 02210	
NUMBER OF CLAIMS:	32	

Searcher : Shears 308-4994

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EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 11 Drawing Page(s)  
LINE COUNT: 1006

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods and compositions of tricyclic antidepressants for inducing local long-lasting anesthesia and analgesia are provided. The methods and compositions are useful for alleviating acute and chronic pain, particularly useful for treating a localized pain.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/211.110  
INCLS: 514/217.000  
NCL NCLM: 514/656.000  
NCLS: 514/211.089; 514/211.130; 514/217.000; 514/254.060;  
514/459.000; 514/649.000; 514/653.000

L43 ANSWER 9 OF 29 USPATFULL

ACCESSION NUMBER: 2002:160699 USPATFULL  
TITLE: Glycomimetics as selectin antagonists and pharmaceuticals having antiinflammatory activity  
INVENTOR(S): Schmidt, Wolfgang, Frankfurt, GERMANY, FEDERAL REPUBLIC OF  
Sprengard, Ulrich, Gustavsburg, GERMANY, FEDERAL REPUBLIC OF  
Kretzschmar, Gerhard, Eschborn, GERMANY, FEDERAL REPUBLIC OF  
Klein, Robert, Frankfurt, GERMANY, FEDERAL REPUBLIC OF  
Kunz, Horst, Mainz, GERMANY, FEDERAL REPUBLIC OF  
PATENT ASSIGNEE(S): Glycorex AB, Lund, SWEDEN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6413936	B1	20020702
APPLICATION INFO.:	US 1996-739855		19961030 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1995-19540388	19951030
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Fonda, Kathleen K.	
LEGAL REPRESENTATIVE:	Foley & Lardner	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	1318	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to novel mimetics of the tetrasaccharides sialyl-Lewis-X and sialyl-Lewis-A having an improved action as inhibitors of cell adhesion, to a process for the preparation of these compounds and to their use as pharmacological active compounds and diagnostic agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/023.000  
INCLS: 514/008.000; 514/009.000; 536/001.110; 549/200.000;  
549/356.000; 562/459.000; 585/275.000

Searcher : Shears 308-4994



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NCL NCLM: 514/023.000  
NCLS: 514/008.000; 514/009.000; 536/001.110; 549/200.000;  
549/356.000; 562/459.000; 585/275.000

L43 ANSWER 10 OF 29 USPATFULL

ACCESSION NUMBER: 2002:148303 USPATFULL

TITLE: VETERINARY DELIVERY SYSTEMS AND METHODS OF  
DELIVERING EFFECTIVE AGENTS TO ANIMALS

INVENTOR(S): LEON, THOMAS, OYSTER BAY, NY, UNITED STATES  
BERGGREN, JOHN, OYSTER BAY, NY, UNITED STATES  
GABEL, PAUL, OYSTER BAY, NY, UNITED STATES  
LEON, DANIEL S., OYSTER BAY, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002076440	A1	20020620
APPLICATION INFO.:	US 1999-344693	A1	19990625 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	DANIEL P BURKE ESQ, GALGANO & BURKE, U S FEDERAL COURTHOUSE BUILDING, 300 RABRO DRIVE SUITE 135, HAUPPAUGE, NY, 11788		
NUMBER OF CLAIMS:	80		
EXEMPLARY CLAIM:	1		
LINE COUNT:	511		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A veterinary **delivery** system in the form of a pliable  
**film** comprising at least one **binder**, at least  
one **lubricant**, at least one **solvent** for the  
**binder** and **lubricant**, and an effective amount of  
at least one effective agent. According to one embodiment, a  
flavorant is included in a pliable hydrophilic **film** in  
order to enhance **oral** acceptability by the  
**animal**. In other embodiments, the **films**  
preferably have a moisture content of about 2-15%, preferably  
about 3-7% by weight. The hydrophilic **films** most  
preferably have at least one effective agent distributed  
homogeneously throughout the **film**.

Also disclosed are methods of delivering veterinary delivery  
systems wherein a pliable, hydrophilic film comprising at least  
one effective agent is placed within the oral cavity of an animal.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/484.000  
INCLS: 424/488.000; 424/438.000; 424/442.000  
NCL NCLM: 424/484.000  
NCLS: 424/488.000; 424/438.000; 424/442.000

L43 ANSWER 11 OF 29 USPATFULL

ACCESSION NUMBER: 2002:29512 USPATFULL

TITLE: Water-permeable polymer-treated cane reeds for  
wind instruments

INVENTOR(S): Perlman, Daniel, 94 Oakland Ave., Arlington, MA,  
United States 02476

NUMBER	KIND	DATE
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Searcher : Shears 308-4994

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PATENT INFORMATION: US 6346663 B1 20020212  
APPLICATION INFO.: US 2000-687370 20001013 (9)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: GRANTED  
PRIMARY EXAMINER: Donels, Jeffrey  
ASSISTANT EXAMINER: Lockett, Kim  
LEGAL REPRESENTATIVE: Weingarten, Schurgin, Gagnebin & Lebovici LLP  
NUMBER OF CLAIMS: 18  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)  
LINE COUNT: 891

AB A method for treating the natural cane reed used in woodwind musical instruments. The method includes contacting at least the proximal portion of said reed with a polymer treatment liquid, in which the liquid delivers at least 1% by weight of polymer into the reed, based upon the percentage increase in dry weight of that portion of said reed contacted by the liquid. The reed remains substantially water-permeable, yet is rendered resistant to degradation by saliva. An impregnated reed is also described, in which at least the proximal portion of the reed has been impregnated by a liquid that includes a non-toxic polymeric material that is water-insoluble upon drying or curing within the reed. The impregnated portion of the reed is at least 25% as permeable to water as an identical portion of an equivalent untreated reed, yet is resistant to degradation by saliva.

INCL INCLM: 084/383.000A  
NCL NCLM: 084/383.000A

L43 ANSWER 12 OF 29 USPATFULL

ACCESSION NUMBER: 2001:145443 USPATFULL  
TITLE: Device for transdermal electrotransport delivery of fentanyl and sufentanil  
INVENTOR(S): Southam, Mary, Menlo Park, CA, United States  
Bernstein, Keith J., Somerville, NJ, United States  
Noorduyn, Henk, Bergen op Zoom, Netherlands

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001018582	A1	20010830
	US 6425892	B2	20020730
APPLICATION INFO.:	US 2001-781041	A1	20010209 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-952657, filed on 17 Mar 1998, GRANTED, Pat. No. US 6216033 A 371 of International Ser. No. WO 1996-US7380, filed on 22 May 1996, UNKNOWN Continuation-in-part of Ser. No. US 1995-460785, filed on 5 Jun 1995, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	ALZA Corporation, Intellectual Property Department, M10-3, 1900 Charleston Road, P.O. Box 7210, Mountain View, CA, 94039-7210		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Page(s)		
LINE COUNT:	794		

Searcher : Shears 308-4994

09/344693

AB The invention provides an improved electrotransport drug delivery system for analgesic drugs, namely fentanyl and sufentanil. The fentanyl/sufentanil is provided as a water soluble salt (e.g., fentanyl hydrochloride), preferably in a hydrogel formulation, for use in an electrotransport device (10). In accordance with the present invention, a transdermal electrotransport delivered dose of fentanyl/sufentanil is provided which is sufficient to induce analgesia in (e.g., adult) human patients suffering from moderate-to-severe pain associated with major surgical procedures.

INCL INCLM: 604/403.000  
NCL NCLM: 604/501.000

L43 ANSWER 13 OF 29 USPATFULL

ACCESSION NUMBER: 2001:53253 USPATFULL  
TITLE: Device for transdermal electrotransport delivery of fentanyl and sufentanil  
INVENTOR(S): Southam, Mary, Menlo Park, CA, United States  
Bernstein, Keith J., Somerville, NJ, United States  
Noorduyn, Henk, Bergen op Zoom, Netherlands  
PATENT ASSIGNEE(S): Alza Corporation, Mountain View, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6216033	B1	20010410
	WO 9639222		19961212
APPLICATION INFO.:	US 1998-952657		19980317 (8)
	WO 1996-US7380		19960522
			19980317 PCT 371 date
			19980317 PCT 102(e) date
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Bockelman, Mark		
LEGAL REPRESENTATIVE:	Miller, D. Byron, Stone, Steven F.		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	808		

AB The invention provides an improved electrotransport drug delivery system for analgesic drugs, namely fentanyl and sufentanil. The fentanyl/sufentanil is provided as a water soluble salt (e.g., fentanyl hydrochloride), preferably in a hydrogel formulation, for use in an electrotransport device (10). In accordance with the present invention, a transdermal electrotransport delivered dose of fentanyl/sufentanil is provided which is sufficient to induce analgesia in (e.g., adult) human patients suffering from moderate-to-severe pain as associated with major surgical procedures.

INCL INCLM: 604/020.000  
NCL NCLM: 604/020.000

L43 ANSWER 14 OF 29 USPATFULL

ACCESSION NUMBER: 2001:33249 USPATFULL  
TITLE: Glycomimetics as selectin antagonists and pharmaceuticals having antiinflammatory activity

Searcher : Shears 308-4994

09/344693

INVENTOR(S): prepared therefrom  
Schmidt, Wolfgang, Frankfurt, Germany, Federal  
Republic of  
Sprengard, Ulrich, Gustavsburg, Germany, Federal  
Republic of  
Kretzschmar, Gerhard, Eschborn, Germany, Federal  
Republic of  
Kunz, Horst, Mainz, Germany, Federal Republic of  
PATENT ASSIGNEE(S): Glycorex AB, Lund, Sweden (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6197752	B1	20010306
APPLICATION INFO.:	US 1996-708475		19960905 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1995-19532902	19950906
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Fonda, Kathleen K.	
LEGAL REPRESENTATIVE:	Foley & Lardner	
NUMBER OF CLAIMS:	60	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1116	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to novel mimetics of the tetrasaccharides  
sialyl- Lewis-X (SLeX) and sialyl- Lewis-A (SLeA) having an  
improved action as inhibitors of cell adhesion, specifically a  
compound of the formula I ##STR1##

in which

R.sup.1 is --H, --CH.sub.3 or --CH.sub.2 OH,

R.sup.2 is --H or --OH,

R.sup.3, R.sup.4 and R.sup.5 independently of one another are --H,  
C.sub.1 -C.sub.4 -alkyl or --OH,

R.sup.6, R.sup.7, R.sup.8, R.sup.9 and R.sup.10 independently of  
one another are --H or C.sub.1 -C.sub.4 -alkyl

D is --O--C(O)--, --C(O)--or --NR.sup.6 --C(O)--,

E is --CR.sup.7 R.sup.8 --, --NR.sup.7 --, or a nitrogen  
heterocycle of the formula ##STR2##

n is 1 or 2,

m is 0 or 1,

p is an integer from 0 to 10,

q is 1 or 2 and

X.sup.1 and X.sup.2 independently of one another are --H,  
--COOR.sup.9, --NR.sup.9 R.sup.10, --OH, --OSO.sub.3 H, --CH.sub.2

Searcher : Shears 308-4994

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COOR.sup.9 or --CH.sub.2 OSO.sub.3 H or together are .dbd.O,

to a process for preparing these compounds and to their use as pharmacological active compounds and diagnostic agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/023.000  
INCLS: 536/001.110; 536/018.700; 536/124.000  
NCL NCLM: 514/023.000  
NCLS: 536/001.110; 536/018.700; 536/124.000

L43 ANSWER 15 OF 29 USPATFULL

ACCESSION NUMBER: 2001:15816 USPATFULL

TITLE: Transdermal electrotransport delivery device  
including a cathodic reservoir containing a  
compatible antimicrobial agent

INVENTOR(S): Chin, Ivan W., Belmont, CA, United States  
Murdock, Thomas O., Vadnais Heights, MN, United  
States  
Cormier, Michel J. N., Mountain View, CA, United  
States

PATENT ASSIGNEE(S): Alza Corporation, Mountain View, CA, United  
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6181963	B1	20010130
APPLICATION INFO.:	US 1999-433615		19991102 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-106873P	19981102 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Kennedy, Sharon	
ASSISTANT EXAMINER:	Blyveis, Deborah	
LEGAL REPRESENTATIVE:	Bates, Owen J., Stone, Steven F.	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	1546	

AB A transdermal electrotransport drug delivery device having an anode, a cathode and a source of electrical power electrically connected to the anode and the cathode. The cathode includes a cathodic electrode and a cathodic reservoir comprised of a housing composed of a polymeric material and an aqueous medium in contact with the housing. The aqueous medium includes i) a drug or an electrolyte salt or a mixture thereof and ii) a cetylpyridinium salt in an amount sufficient to inhibit microbial growth in the aqueous medium. The polymeric material is compatible with the cetylpyridinium salt. A process is also provided wherein when electric current flows from the source of electrical power so that the drug is transdermally delivered to the patient by electrotransport from the anodic reservoir, the cetylpyridinium salt is not transdermally delivered to the patient by electrotransport from the cathodic reservoir. A process for preparing a transdermal electrotransport drug delivery device is also provided.

Searcher : Shears 308-4994

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INCL INCLM: 604/020.000  
INCLS: 607/152.000  
NCL NCLM: 604/020.000  
NCLS: 607/152.000

L43 ANSWER 16 OF 29 USPATFULL

ACCESSION NUMBER: 2001:3970 USPATFULL

TITLE: Method and device for transdermal  
electrotransport delivery of fentanyl and  
sufentanil

INVENTOR(S): Southam, Mary, Portola Valley, CA, United States  
Bernstein, Keith J., Somerville, NJ, United  
States

PATENT ASSIGNEE(S): Noorduin, Henk, Bergen op Zoom, Netherlands  
ALZA Corporation, Mountain View, CA, United  
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6171294	B1	20010109
APPLICATION INFO.:	US 1997-890966		19970710 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-460785, filed on 5 Jun 1995, now abandoned		
DOCUMENT TYPE:	Patent		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Bockelman, Mark		
LEGAL REPRESENTATIVE:	Miller, D. Byron, Stone, Steven F.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1106		

AB The invention provides an improved electrotransport drug delivery system for analgesic drugs, namely fentanyl and sufentanil. The fentanyl/sufentanil is provided as a water soluble salt (eg, fentanyl hydrochloride) dispersed in a hydrogel formulation for use in an electrotransport device (10). In accordance with one aspect of the invention, the concentration of fentanyl/sufentanil in the donor reservoir (26) solution is above a predetermined minimum concentration, whereby the transdermal electrotransport flux of fentanyl/sufentanil is maintained independent of the concentration of fentanyl/sufentanil in solution. In accordance with a second aspect of the present invention, the donor reservoir (26) of the electrotransport delivery device (10) is comprised of silver and the donor reservoir (26) contains a predetermined "excess" loading of fentanyl/sufentanil halide to prevent silver ion migration with attendant skin discoloration. In accordance with a third aspect of the present invention, a transdermal electrotransport delivered dose of fentanyl/sufentanil is provided which is sufficient to induce analgesia in (eg, adult) human patients suffering from moderate-to-severe pain associated with major surgical procedures.

INCL INCLM: 604/501.000  
INCLS: 604/020.000  
NCL NCLM: 604/501.000  
NCLS: 604/020.000

Searcher : Shears 308-4994

09/344693

L43 ANSWER 17 OF 29 USPATFULL

ACCESSION NUMBER: 1998:12044 USPATFULL  
TITLE: Compounds and methods for inhibition of HIV and related viruses  
INVENTOR(S): Morin, Jr., John M., Brownsburg, IN, United States  
Ternansky, Robert J., Indianapolis, IN, United States  
Noreen, Rolf, Huddinge, Sweden  
Lind, Peter Tomas, Huddinge, Sweden  
PATENT ASSIGNEE(S): Medivir AB, Huddinge, Sweden (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5714503		19980203
APPLICATION INFO.:	US 1995-455217		19950531 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-395702, filed on 28 Feb 1995, now patented, Pat. No. US 5593993 which is a division of Ser. No. US 1993-11940, filed on 1 Feb 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-921890, filed on 29 Jul 1992, now abandoned which is a continuation-in-part of Ser. No. US 1991-739927, filed on 2 Aug 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Gerstl, Robert		
LEGAL REPRESENTATIVE:	Birch, Stewart, Kolasch & Birch, LLP		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
LINE COUNT:	12864		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	Treatment of AIDS, inhibition of the replication of HIV and related viruses thereof, and formulations using thiourea derivative compounds or salts thereof is disclosed. Also disclosed are novel thiourea derivative compounds.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/332.000  
INCLS: 514/352.000; 546/261.000; 546/262.000; 546/305.000  
NCL NCLM: 514/332.000  
NCLS: 514/352.000; 546/261.000; 546/262.000; 546/305.000

L43 ANSWER 18 OF 29 USPATFULL

ACCESSION NUMBER: 97:73614 USPATFULL  
TITLE: Compounds and methods for inhibition of HIV and related viruses  
INVENTOR(S): Morin, Jr., John M., Brownsburg, IN, United States  
Ternansky, Robert J., Indianapolis, IN, United States  
Noreen, Rolf, Huddinge, Sweden  
Lind, Peter Tomas, Huddinge, Sweden  
PATENT ASSIGNEE(S): Medivir A/B, Huddinge, Sweden (non-U.S. corporation)

	NUMBER	KIND	DATE
Searcher :	Shears		308-4994

09/344693

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PATENT INFORMATION: US 5658907 19970819  
APPLICATION INFO.: US 1995-455347 19950531 (8)  
RELATED APPLN. INFO.: Division of Ser. No. US 1995-395702, filed on 28  
Feb 1995, now patented, Pat. No. US 5593993 which  
is a division of Ser. No. US 1993-11940, filed on  
1 Feb 1993, now abandoned which is a  
continuation-in-part of Ser. No. US 1992-921890,  
filed on 29 Jul 1992, now abandoned which is a  
continuation-in-part of Ser. No. US 1991-739927,  
filed on 2 Aug 1991, now abandoned  
DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Gerstl, Robert  
NUMBER OF CLAIMS: 22  
EXEMPLARY CLAIM: 1  
LINE COUNT: 12604

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Treatment of AIDS, inhibition of the replication of HIV and  
related viruses thereof, and formulations using thiourea  
derivative compounds or salts thereof is disclosed. Also disclosed  
are novel thiourea derivative compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/247.000  
INCLS: 514/255.000; 514/332.000; 514/358.000; 514/371.000;  
544/224.000; 544/336.000; 546/265.000; 546/269.700;  
546/270.100; 548/196.000  
NCL NCLM: 514/247.000  
NCLS: 514/252.030; 514/255.050; 514/255.060; 514/332.000;  
514/358.000; 514/371.000; 544/224.000; 544/336.000;  
546/265.000; 546/269.700; 546/270.100; 548/196.000

L43 ANSWER 19 OF 29 USPATFULL

ACCESSION NUMBER: 97:3840 USPATFULL  
TITLE: Method for inhibition of HIV related viruses  
INVENTOR(S): Morin, Jr., John M., Brownsburg, IN, United  
States  
Ternansky, Robert J., Indianapolis, IN, United  
States  
Noreen, Rolf, Huddinge, Sweden  
Lind, Tomas, Huddinge, Sweden  
PATENT ASSIGNEE(S): Medivir AB, Huddinge, Sweden (non-U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5593993		19970114
APPLICATION INFO.:	US 1995-395702		19950228 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-11940, filed on 1 Feb 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-921890, filed on 29 Jul 1992, now abandoned which is a continuation-in-part of Ser. No. US 1991-739927, filed on 2 Aug 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Gerstl, Robert		

Searcher : Shears 308-4994



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LEGAL REPRESENTATIVE: Birch, Stewart, Kolasch & Birch, LLP  
NUMBER OF CLAIMS: 9  
EXEMPLARY CLAIM: 1  
LINE COUNT: 12818

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Treatment of AIDS, inhibition of the replication of HIV and related viruses thereof, and formulations using thiourea derivative compounds or salts thereof is disclosed. Also disclosed are novel thiourea derivative compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/247.000  
INCLS: 514/255.000; 514/332.000; 514/358.000; 514/371.000  
NCL NCLM: 514/247.000  
NCLS: 514/252.010; 514/252.050; 514/255.050; 514/332.000;  
514/352.000; 514/371.000

L43 ANSWER 20 OF 29 USPATFULL

ACCESSION NUMBER: 96:5617 USPATFULL

TITLE: pH and temperature sensitive terpolymers for oral drug delivery

INVENTOR(S): Bae, You H., Salt Lake City, UT, United States

PATENT ASSIGNEE(S): MacroMed, Inc., Salt Lake City, UT, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5484610		19960116
APPLICATION INFO.:	US 1991-636747		19910102 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Webman, Edward J.		
LEGAL REPRESENTATIVE:	Thorpe North & Western		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	10 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	861		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Terpolymers which are sensitive to pH and temperature are useful carriers for conducting bioactive agents through the gastric juices of the stomach in protected form. Such terpolymers swell at the higher physiologic pH of the intestinal tract causing release of the bioactive agents into the intestine. The terpolymers are linear and are made up of 35 to 99 wt % of a temperature sensitive component, which imparts to the terpolymer LCST (lower critical solution temperature) properties below body temperatures, 1 to 30 wt % of a pH sensitive component having a pK.sub.a in the range of from 2 to 8 which functions through ionization or deionization of carboxylic acid groups to prevent the bioactive agent from being lost at low pH but allows bioactive agent release at physiological pH of about 7.4 and a hydrophobic component which stabilizes the LCST below body temperatures and compensates for bioactive agent effects on the terpolymers. Such terpolymers provide for safe bioactive agent loading, a simple procedure for dosage form fabrication and the terpolymer functions as a protective carrier in the acidic environment of the stomach and also protects the bioactive agents from digestive enzymes until the bioactive agent is released in the intestinal tract.

09/344693

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/487.000  
INCLS: 424/482.000; 424/463.000; 424/487.000; 526/263.000;  
526/265.000; 526/303.100; 526/307.600; 526/291.000;  
526/292.950; 526/916.000; 514/772.600; 514/772.500  
NCL NCLM: 424/487.000  
NCLS: 424/463.000; 424/482.000; 514/772.500; 514/772.600;  
526/263.000; 526/265.000; 526/291.000; 526/292.950;  
526/303.100; 526/307.600; 526/916.000

L43 ANSWER 21 OF 29 USPATFULL

ACCESSION NUMBER: 91:22471 USPATFULL  
TITLE: Dispenser comprising hydrophilic osmopolymer  
INVENTOR(S): Eckenhoff, James B., Los Altos, CA, United States  
Cortese, Richard, Los Gatos, CA, United States  
Landrau, Felix A., Milpitas, CA, United States  
PATENT ASSIGNEE(S): Alza Corporation, Palo Alto, CA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5000957		19910319
APPLICATION INFO.:	US 1989-329917		19890328 (7)
DISCLAIMER DATE:	20030717		
RELATED APPLN. INFO.:	Division of Ser. No. US 1988-173479, filed on 24 Mar 1988, now patented, Pat. No. US 4844984 which is a continuation of Ser. No. US 1986-895613, filed on 11 Aug 1986, now patented, Pat. No. US 4772474 which is a division of Ser. No. US 1985-764143, filed on 9 Aug 1985, now patented, Pat. No. US 4624945 which is a continuation-in-part of Ser. No. US 1984-590778, filed on 19 Mar 1984, now patented, Pat. No. US 4595583		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Rosenbaum, C. Fred		
ASSISTANT EXAMINER:	Rose, Sharon		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	19 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	1583		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A dispensing system is disclosed comprising a wall surrounding a lumen. The lumen comprises (1) a thermo responsive composition comprising a beneficial agent, (2) means for occupying space in the lumen for pushing the thermo responsive composition from the dispensing system, and (3) means for enhancing the amount of the beneficial agent dispensed from the system positioned between the thermo responsive composition and the means for occupying space.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/438.000  
INCLS: 424/473.000  
NCL NCLM: 424/438.000

Searcher : Shears 308-4994

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NCLS: 424/473.000

L43 ANSWER 22 OF 29 USPATFULL

ACCESSION NUMBER: 89:53973 USPATFULL

TITLE: Dispensing system with means for increasing  
delivery of beneficial agent from the system  
INVENTOR(S): Eckenhoff, James B., Los Altos, CA, United States  
Cortese, Richard, Los Gatos, CA, United States  
Landrau, Felix A., Milpitas, CA, United States  
PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4844984		19890704
APPLICATION INFO.:	US 1988-173479		19880324 (7)
DISCLAIMER DATE:	20030617		
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1986-895613, filed on 11 Aug 1986, now patented, Pat. No. US 4772474, issued on 20 Sep 1988 which is a division of Ser. No. US 1985-764143, filed on 9 Aug 1985, now patented, Pat. No. US 4624945, issued on 25 Nov 1986 which is a continuation-in-part of Ser. No. US 1984-590778, filed on 19 Mar 1984, now patented, Pat. No. US 4595583, issued on 17 Jun 1986		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Rose, Shep K.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	19 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	1515		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A dispensing system is disclosed comprising a wall surrounding a lumen. The lumen comprises (1) a thermo responsive composition comprising a beneficial agent, (2) means for occupying space in the lumen for pushing the thermo responsive composition from the dispensing system, and (3) means for enhancing the amount of the beneficial agent dispensed from the system positioned between the thermo responsive composition and the means for occupying space.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/438.000

INCLS: 424/473.000

NCL NCLM: 424/438.000

NCLS: 424/473.000

L43 ANSWER 23 OF 29 USPATFULL

ACCESSION NUMBER: 88:60617 USPATFULL

TITLE: Dispenser with internal arrangement of lamina  
means for dispensing beneficial agent

INVENTOR(S): Eckenhoff, James B., Los Altos, CA, United States  
Cortese, Richard, Los Gatos, CA, United States  
Landrau, Felix A., Milpitas, CA, United States  
PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States

Searcher : Shears 308-4994

09/344693

(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4772474		19880920
APPLICATION INFO.:	US 1986-895613		19860811 (6)
DISCLAIMER DATE:	20030612		
RELATED APPLN. INFO.:	Division of Ser. No. US 1985-764143, filed on 9 Aug 1985, now patented, Pat. No. US 4624945, issued on 25 Nov 1986 which is a continuation-in-part of Ser. No. US 1984-590778, filed on 19 Mar 1984, now patented, Pat. No. US 4595583, issued on 17 Jun 1986		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Rosenbaum, C. Fred		
ASSISTANT EXAMINER:	Rose, Sharon		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	19 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	1534		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A dispensing system is disclosed comprising a wall surrounding a lumen. The lumen comprises (1) a thermo responsive composition comprising a beneficial agent, (2) means for occupying space in the lumen for pushing the thermo responsive composition from the dispensing system, and (3) means for enhancing the amount of the beneficial agent dispensed from the system positioned between the thermo responsive composition and the means for occupying space.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/465.000  
INCLS: 424/476.000; 424/438.000; 604/892.100  
NCL NCLM: 424/465.000  
NCLS: 424/438.000; 424/476.000; 604/892.100

L43 ANSWER 24 OF 29 USPATFULL

ACCESSION NUMBER: 88:14489 USPATFULL

TITLE: Composition for manufacturing wall of dispensing device

INVENTOR(S): Eckenhoff, James B., Los Altos, CA, United States  
Cortese, Richard, Los Gatos, CA, United States  
Landrau, Felix A., Milpitas, CA, United States

PATENT ASSIGNEE(S): Alza Corporation, Palo Alto, CA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4729793		19880308
APPLICATION INFO.:	US 1986-902916		19860902 (6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1985-764143, filed on 9 Aug 1985, now patented, Pat. No. US 4624945 which is a continuation-in-part of Ser. No. US 1984-590778, filed on 19 Mar 1984, now patented, Pat. No. US 4595583, issued on 17 Jun 1986		

Searcher : Shears 308-4994

09/344693

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Schofer, Joseph L.  
ASSISTANT EXAMINER: Mulcahy, P.  
LEGAL REPRESENTATIVE: Sabatine, Paul L., Mandell, Edward L., Precivale, Shelley G.  
NUMBER OF CLAIMS: 2  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 21 Drawing Figure(s); 9 Drawing Page(s)  
LINE COUNT: 1576

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A dispensing device is disclosed for delivering a beneficial agent. The device comprises (1) a housing defining an internal space, (2) heat responsive means containing a beneficial agent in the space, (3) means for increasing the amount of beneficial agent delivered from the device in the space, (4) expandable means in the space, (5) an optional dense means in the space, and (6) means in the housing for delivering the beneficial agent from the dispensing device.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 106/169.000

INCLS: 106/196.000

NCL NCLM: 106/162.720

L43 ANSWER 25 OF 29 USPATFULL

ACCESSION NUMBER: 88:1272 USPATFULL

TITLE: Device for the controlled delivery of a beneficial agent

INVENTOR(S): Eckenhoff, James B., Los Altos, CA, United States  
Cortese, Richard, Los Gatos, CA, United States  
Landrau, Felix A., Milpitas, CA, United States

PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4717718		19880105
APPLICATION INFO.:	US 1986-895612		19860811 (6)
DISCLAIMER DATE:	20030617		
RELATED APPLN. INFO.:	Division of Ser. No. US 1985-764143, filed on 9 Aug 1985, now patented, Pat. No. US 4624945, issued on 25 Nov 1986 which is a continuation-in-part of Ser. No. US 1984-590778, filed on 19 Mar 1984, now patented, Pat. No. US 4595583, issued on 17 Jun 1986		

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Griffin, Ronald W.  
LEGAL REPRESENTATIVE: Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.

NUMBER OF CLAIMS: 9  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 19 Drawing Figure(s); 7 Drawing Page(s)  
LINE COUNT: 1501

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A device for the controlled delivery of a beneficial agent is disclosed. The device comprises (a) a formulation layer and (b) a

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layer comprising means for pushing the formulation layer from said device. The formulation layer comprises the beneficial agent avermectin or ivermectin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/030.000  
INCLS: 514/053.000; 536/007.100; 424/438.000  
NCL NCLM: 514/030.000  
NCLS: 424/438.000; 514/053.000; 536/007.100

L43 ANSWER 26 OF 29 USPATFULL

ACCESSION NUMBER: 88:1122 USPATFULL  
TITLE: Laminar arrangement for increasing delivery of beneficial agent from dispenser  
INVENTOR(S): Eckenhoff, James B., Los Altos, CA, United States  
Cortese, Richard, Los Gatos, CA, United States  
Landrau, Felix A., Milpitas, CA, United States  
PATENT ASSIGNEE(S): Alza Corporation, Palo Alto, CA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4717568		19880105
APPLICATION INFO.:	US 1986-895610		19860811 (6)
RELATED APPLN. INFO.:	Division of Ser. No. US 1985-764143, filed on 9 Aug 1985, now patented, Pat. No. US 4624945, issued on 25 Nov 1986 which is a continuation-in-part of Ser. No. US 1984-590778, filed on 19 Mar 1984, now patented, Pat. No. US 4595583, issued on 17 Jun 1986		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Griffin, Ronald W.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Stone, Steven F., Mandell, Edward L.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	19 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	1476		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A laminated arrangement useful for manufacturing a deliver device for delivering a beneficial agent formulation is disclosed. The laminated arrangement comprise first lamina means comprising a beneficial agent formulation in laminar arrangement with a second lamina means exhibiting a lower passage to the beneficial agent then the first lamina means.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/469.000  
INCLS: 424/468.000; 428/320.200  
NCL NCLM: 424/469.000  
NCLS: 424/468.000; 428/320.200

L43 ANSWER 27 OF 29 USPATFULL

ACCESSION NUMBER: 87:63527 USPATFULL  
TITLE: Self controlled release device for administering beneficial agent to recipient  
INVENTOR(S): Eckenhoff, James B., Los Altos, CA, United States

Searcher : Shears 308-4994

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PATENT ASSIGNEE(S): Cortese, Richard, Los Gatos, CA, United States  
Landrau, Felix A., Milpitas, CA, United States  
ALZA Corporation, Palo Alto, CA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4692336		19870908
APPLICATION INFO.:	US 1985-763365		19850807 (6)
DISCLAIMER DATE:	20030617		
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1984-590778, filed on 19 Mar 1984, now patented, Pat. No. US 4595583, issued on 17 Jun 1986		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Griffin, Ronald W.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone, Steven F.		
NUMBER OF CLAIMS:	23		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	1249		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A dispensing device is disclosed for delivering a beneficial agent. The device comprises (1) a housing defining an internal space, (2) a heat responsive composition containing a beneficial agent in the space, (3) an expandable member in the space, and (4) at least one passageway in the housing for delivering the beneficial agent from the dispensing device.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/468.000  
INCLS: 604/890.000; 604/892.000; 428/320.200; 424/469.000;  
424/487.000  
NCL NCLM: 424/468.000  
NCLS: 424/469.000; 424/487.000; 428/320.200; 604/892.100

L43 ANSWER 28 OF 29 USPATFULL

ACCESSION NUMBER: 86:66368 USPATFULL  
TITLE: Dispensing system with means for increasing  
delivery of beneficial agent from the system  
INVENTOR(S): Eckenhoff, James B., Los Altos, CA, United States  
Cortese, Richard, Los Gatos, CA, United States  
Landrau, Felix A., Milpitas, CA, United States  
PATENT ASSIGNEE(S): ALZA Corporation, Palo Alto, CA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4624945		19861125
APPLICATION INFO.:	US 1985-764143		19850809 (6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1984-590778, filed on 19 Mar 1984, now patented, Pat. No. US 4595583, issued on 17 Jun 1986		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Griffin, Ronald W.		
LEGAL REPRESENTATIVE:	Sabatine, Paul L., Mandell, Edward L., Stone,		

Searcher : Shears 308-4994

09/344693

Steven F.

NUMBER OF CLAIMS: 1  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 19 Drawing Figure(s); 7 Drawing Page(s)  
LINE COUNT: 1445

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A dispensing device is disclosed for delivering a beneficial agent. The device comprises (1) a housing defining an internal space, (2) heat responsive means containing a beneficial agent in the space, (3) means for increasing the amount of beneficial agent delivered from the device in the space, (4) expandable means in the space, (5) an optional dense means in the space, and (6) means in the housing for delivering the beneficial agent from the dispensing device.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/030.000  
INCLS: 536/007.100; 514/053.000  
NCL NCLM: 514/030.000  
NCLS: 514/053.000; 536/007.100

L43 ANSWER 29 OF 29 USPATFULL

ACCESSION NUMBER: 77:34278 USPATFULL  
TITLE: 3,4-Disubstituted-1,3,4-thiadiazoline-2,5-diones  
INVENTOR(S): Scribner, Richard Merrill, Wilmington, DE, United States  
PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4032533		19770628
APPLICATION INFO.:	US 1976-659511		19760219 (5)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Gallagher, R.		
LEGAL REPRESENTATIVE:	Mentis, Anthony P.		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1,13		
LINE COUNT:	873		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Selected 3,4-disubstituted-1,3,4-thiadiazoline-2,5-diones are prostaglandin mimics or antagonists, and have uses typical of such compounds, such as inhibitors of gastric secretion, labor inducers, bronchodilators, topical antiinflammatory agents, etc.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 260/302.000D  
INCLS: 260/476.000R; 260/486.000H; 260/515.000A; 260/593.000H;  
260/596.000; 260/638.000R; 424/270.000  
NCL NCLM: 548/142.000  
NCLS: 560/105.000; 560/219.000; 560/226.000; 560/227.000;  
560/228.000; 562/496.000; 568/397.000; 568/843.000;  
568/878.000

(FILE 'MEDLINE' ENTERED AT 11:27:34 ON 21 MAY 2003)

L44 14700 SEA FILE=MEDLINE ABB=ON PLU=ON GLYCEROL/CT  
L45 3308 SEA FILE=MEDLINE ABB=ON PLU=ON GLYCOLS/CT

Searcher : Shears 308-4994



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L46 166 SEA FILE=MEDLINE ABB=ON PLU=ON (L44 OR L45) AND  
(ADMINISTRATION, BUCCAL OR ADMINISTRATION, ORAL)/CT  
L47 18299 SEA FILE=MEDLINE ABB=ON PLU=ON SOLVENTS/CT  
L48 4 SEA FILE=MEDLINE ABB=ON PLU=ON L46 AND L47

L48 ANSWER 1 OF 4 MEDLINE

AN 2002095797 MEDLINE

TI The co-solvent Cremophor EL limits absorption of orally administered paclitaxel in cancer patients.

AU Malingre M M; Schellens J H; Van Tellingen O; Ouwehand M; Bardelmeijer H A; Rosing H; Koopman F J; Schot M E; Ten Bokkel Huinink W W; Beijnen J H

SO BRITISH JOURNAL OF CANCER, (2001 Nov 16) 85 (10) 1472-7.  
Journal code: 0370635. ISSN: 0007-0920.

AB The purpose of this study was to investigate the effect of the co-solvents Cremophor EL and polysorbate 80 on the absorption of orally administered paclitaxel. 6 patients received in a randomized setting, one week apart oral paclitaxel 60 mg m<sup>(-2)</sup> dissolved in polysorbate 80 or Cremophor EL. For 3 patients the amount of Cremophor EL was 5 ml m<sup>(-2)</sup>, for the other three 15 ml m<sup>(-2)</sup>. Prior to paclitaxel administration patients received 15 mg kg<sup>(-1)</sup> oral cyclosporin A to enhance the oral absorption of the drug. Paclitaxel formulated in polysorbate 80 resulted in a significant increase in the maximal concentration (C<sub>max</sub>) and area under the concentration-time curve (AUC) of paclitaxel in comparison with the Cremophor EL formulations (P = 0.046 for both parameters). When formulated in Cremophor EL 15 ml m<sup>(-2)</sup>, paclitaxel C<sub>max</sub> and AUC values were 0.10 +/- 0.06 microM and 1.29 +/- 0.99 microM h<sup>(-1)</sup>, respectively, whereas these values were 0.31 +/- 0.06 microM and 2.61 +/- 1.54 microM h<sup>(-1)</sup>, respectively, when formulated in polysorbate 80. Faecal data revealed a decrease in excretion of unchanged paclitaxel for the polysorbate 80 formulation compared to the Cremophor EL formulations. The amount of paclitaxel excreted in faeces was significantly correlated with the amount of Cremophor EL excreted in faeces (P = 0.019). When formulated in Cremophor EL 15 ml m<sup>(-2)</sup>, paclitaxel excretion in faeces was 38.8 +/- 13.0% of the administered dose, whereas this value was 18.3 +/- 15.5% for the polysorbate 80 formulation. The results show that the co-solvent Cremophor EL is an important factor limiting the absorption of orally administered paclitaxel from the intestinal lumen. They highlight the need for designing a better drug formulation in order to increase the usefulness of the oral route of paclitaxel

L48 ANSWER 2 OF 4 MEDLINE

AN 97402179 MEDLINE

TI Immunoreactivity for taurine in the cochlea: its abundance in supporting cells.

AU Horner K C; Arousseau C

SO HEARING RESEARCH, (1997 Jul) 109 (1-2) 135-42.  
Journal code: 7900445. ISSN: 0378-5955.

AB Taurine is the second most abundant free amino acid in the brain where its osmoregulatory function is well established. Taurine-deprived kittens show retinal pathology leading to blindness. In the inner ear, taurine has been reported to be the most abundant free amino acid although its role in inner ear function is not known. Immunohistochemistry was employed here to investigate the localisation of taurine in normal cochleae of the guinea pig compared with two different conditions: experimentally

induced endolymphatic hydrops and after oral administration of glycerol. In normal cochleae, by light microscopy, taurine-like immunoreaction was never observed in the sensory outer hair cells and appeared absent from the inner hair cells. In contrast taurine-like immunolabeling was found to be present in all supporting tissue with the striking exception of the tectorial membrane and the outer pillar cell which had no or little taurine immunoreactivity respectively. In early experimental endolymphatic hydrops, the distribution of taurine-like immunoreactivity appeared similar to that observed for normal cochleae. In long-term hydrops, degenerated outer hair cells were replaced by the swelling of the phalangeal process of the Deiters' cells which became highly immunoreactive to taurine. After glycerol administration, the tectorial membrane became more tightly bound to the apical surface of the sensory hair cells and distinctly immunoreactive to taurine. The localisation of taurine in the organ of Corti shown here is consistent with taurine being involved in the maintenance of osmotic equilibrium in the normal and perhaps also in the restructuration of the pathological organ of Corti.

- L48 ANSWER 3 OF 4 MEDLINE  
 AN 77087304 MEDLINE  
 TI Acute toxicity of various solvents in the mouse and rat. LD50 of ethanol, diethylacetamide, dimethylformamide, dimethylsulfoxide, glycerine, N-methylpyrrolidone, polyethylene glycol 400, 1,2-propanediol and Tween 20.  
 AU Bartsch W; Sponer G; Dietmann K; Fuchs G  
 SO ARZNEIMITTEL-FORSCHUNG, (1976) 26 (8) 1581-3.  
 Journal code: 0372660. ISSN: 0004-4172.  
 AB The LD50's of various solvents frequently used in toxicological work to improve the solubility of otherwise poorly soluble compounds were determined in the mouse and rat. The substances investigated were ethanol, dimethylacetamide, dimethylformamide, dimethylsulfoxide, glycerine, N-methylpyrrolidone, polyethylene glycol 400, 1,2-propanediol and Tween 20. The substances were administered under standardized conditions to groups of 10 animals (5 females, 5 males) (mice and rats) at doses that supplied at least 3 values lying between the LD16 and LD84. The median lethal dose and slope were determined with the aid of Finney's programmed probit analysis. The results are tabulated as LD50 ml/kg with 95% confidence limits. It is recommended that when using these solvents for pharmacological and toxicological investigations not more than a quarter of the LD50 should be used because otherwise there will be confusion between the deaths due to the substance being investigated and those due to the solvent.
- L48 ANSWER 4 OF 4 MEDLINE  
 AN 73226484 MEDLINE  
 TI [Influence of addition of polyethyleneglycol on the resorption of virginiamycin].  
 Influence de l'adjonction de polyethyleneglycol sur la resorption de la virginiamycine.  
 AU Fils F  
 SO JOURNAL DE PHARMACIE DE BELGIQUE, (1972 Nov-Dec) 27 (6) 689-712.  
 Journal code: 0375351. ISSN: 0047-2166.

(FILE 'HCAPLUS, MEDLINE, BIOSIS, EMBASE, WPIDS, CONFSCI, SCISEARCH, JICST-EPLUS, JAPIO, CABA, AGRICOLA, VETB, VETU, USPATFULL' ENTERED

09/344693

AT 11:30:06 ON 21 MAY 2003)

L49 39 S "LEON T"/AU  
L50 82 S "BERGGREN J"?/AU  
L51 60 S "GABEL P"?/AU  
L52 1062 S "LEON D"?/AU  
L53 1 S L49 AND L50 AND L51 AND L52  
L54 1 S L49 AND (L50 OR L51 OR L52)  
L55 3 S L50 AND (L51 OR L52)  
L56 3 S L51 AND L52  
L57 3 S (L49 OR L50 OR L51 OR L52) AND L6  
L58 3 S L53 OR L54 OR L55 OR L56 OR L57  
L59 1 DUP REM L58 (2 DUPLICATES REMOVED)

- Author (S)

L59 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS DUPLICATE 1  
ACCESSION NUMBER: 2002:466546 HCAPLUS  
DOCUMENT NUMBER: 137:24357  
TITLE: Veterinary delivery systems and methods of  
delivering effective agents to animals  
INVENTOR(S): Leon, Thomas; Berggren, John;  
Gabel, Paul; Leon, Daniel S.  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 6 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

*This  
applies*

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002076440	A1	20020620	US 1999-344693	19990625

PRIORITY APPLN. INFO.: US 1999-344693 19990625

AB Disclosed is a veterinary delivery system in the form of a pliable **film** comprising binders, **lubricants**, **solvents** for the binders and **lubricants**, and an effective amt. of at least one effective agent. According to one embodiment, a flavorant is included in a pliable hydrophilic **film** in order to enhance **oral** acceptability by the animal. In other embodiments, the **films** preferably have a moisture content of 2-15 %, preferably 3-7 %. The hydrophilic **films** most preferably have at least one effective agent distributed homogeneously throughout the **film**. Also disclosed are methods of delivering veterinary delivery systems wherein a pliable, hydrophilic **film** comprising at least one effective agent is placed within the **oral** cavity of an animal.

L60 134 S "LEON T"?/AU  
L61 3 S L60 AND (L50 OR L51 OR L52)  
L62 3 S L60 AND L6  
L63 0 S (L61 OR L62) NOT L58

FILE 'HOME' ENTERED AT 11:42:42 ON 21 MAY 2003

Searcher : Shears 308-4994

09-344693 / 11-24-04

10-730712

ES SEARCHED...

L1 43 PLIABLE(P) (-METHYLCELLULOSE OR HYDROXYPROPYL METHYL CELLULOSE) (P)  
(FILM) AND (AQUEOUS OR WATER) AND (LUBRICANT OR GLYCERIN# OR  
GLYCOLS# OR OIL# OR PROPYLENE GLYCOL)

=> s 11 and (drug# or medicament# or bioactive or cosmetic#)

L2 22 L1 AND (DRUG# OR MEDICAMENT# OR BIOACTIVE OR COSMETIC#)

=> s (L1 or L2) and (topical or dermal or skin or veterinary or pharmeceutic?)

L3 21 (L1 OR L2) AND (TOPICAL OR DERMAL OR SKIN OR VETERINARY OR  
PHARMECEUTIC?)

=> s (11 or 12 or 13) and (oral or mouth or buccal)

L4 16 (L1 OR L2 OR L3) AND (ORAL OR MOUTH OR BUCCAL)

=> s 12 and (oral or mouth or buccal)

L5 10 L2 AND (ORAL OR MOUTH OR BUCCAL)

=> dup rem

L4 ANSWER 1 OF 16 USPATFULL  
AN 82:3368 USPATFULL  
TI Loweralkyl substituted diphenyl polyamine as an antimicrobial agent  
IN Dybas, Richard A., Somerville, NJ, United States  
Grier, Nathaniel, Englewood, NJ, United States  
Witzel, Bruce E., Rahway, NJ, United States  
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
PI US 4311709  
AI US 1979-106980  
DT Utility  
FS Granted  
IN.CNT 547  
INCL INCLM: 424/330.000  
NCL NCLM: 514/649.000  
IC [3]  
ICM: A61K031-135  
EXF 424/330  
CAS INDE

1 1-10

L1 ANSWER 1 OF 43 USPATFULL  
AN 82:3368 USPATFULL  
TI Loweralkyl substituted diphenyl polyamine as an antimicrobial agent  
IN Dybas, Richard A., Somerville, NJ, United States  
Grier, Nathaniel, Englewood, NJ, United States  
Witzel, Bruce E., Rahway, NJ, United States  
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
PI US 4311709 19820119  
AI US 1979-106980 19791226 (6)  
DT Utility  
FS Granted  
LN.CNT 547  
INCL INCLM: 424/330.000  
NCL NCLM: 514/649.000  
IC [3]  
ICM: A61K031-135  
EXF 424/330  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L1 ANSWER 2 OF 43 USPATFULL  
AN 76:63826 USPATFULL  
TI Aqueous compositions to aid in the prevention of bovine mastitis  
IN Caughman, Henry Daniel, Lithonia, GA, United States  
Brown, William Edgar, Conyers, GA, United States  
PA Bio-Lab, Inc., Decatur, GA, United States (U.S. corporation)  
PI US 3993777 19761123  
AI US 1975-603947 19750812 (5)  
DT Utility  
FS Granted  
LN.CNT 175  
INCL INCLM: 424/329.000  
NCL NCLM: 514/642.000  
NCLS: 514/643.000  
IC [2]  
ICM: A61K031-14  
EXF 424/329  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L1 ANSWER 3 OF 43 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1155794 EUROPATFULL ED 20011203 EW 200147 FS OS  
TIEN Hydraulically settable mixtures.  
TIDE Hydraulisch aushaertbare Mischungen.  
TIFR Melanges durcissables hydrauliquement.  
IN Andersen, Per, Just, 2221 St.James Drive,, Santa Barbara, CA 93103, US;  
Hodson, Simon, 320 Junipero Plaza, Santa Barbara, CA 93105, US

643963 EUROPATFULL ED 20000109 EW 199512 FS OS STA B  
TIEN Bioerodible device for administering active ingredients.  
TIDE Biologisch erodierbare Vorrichtung zur Verabreichung von Wirkstoffen.  
TIFR Dispositif bioerodable pour l'administration d'agents actifs.  
IN Britton, Peter, 1133 S.Martin Avenue, Scotch Plains, New Jersey 07076, US;  
Hart, William P., 47 Wellington Road, Freehold, New Jersey 07728, US;  
Flanagan, Patricia, 765 South River Road, Naperville, IL 60540, US;  
Linkin, Deborah, 315E Medallion Blvd., Madeira Beach, FL 33708, US  
PA McNEIL-PPC, INC., Van Liew Avenue, Milltown New Jersey 08850, US  
SO Wila-EPZ-1995-H12-T1b  
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IE; R IT; R LI;  
R LU; R NL; R PT; R SE  
PIT EPA2 EUROPÄISCHE PATENTANMELDUNG  
PI EP 643963 A2 19950322  
OD 19950322  
AI EP 1994-302638 19940413  
PRAI US 1993-104785 19930816  
IC ICM A61K009-12

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 643963 EUROPATFULL UP 20011126 EW 200146 FS PS  
TIEN Bioerodible device for administering active ingredients.  
TIDE Biologisch erodierbare Vorrichtung zur Verabreichung von Wirkstoffen.  
TIFR Dispositif bioerodable pour l'administration d'agents actifs.  
IN Britton, Peter, 1133 S.Martin Avenue, Scotch Plains, New Jersey 07076, US;  
Hart, William P., 47 Wellington Road, Freehold, New Jersey 07728, US;  
Flanagan, Patricia, 765 South River Road, Naperville, IL 60540, US;  
Linkin, Deborah, 315E Medallion Blvd., Madeira Beach, FL 33708, US  
PA McNEIL-PPC, INC., Van Liew Avenue, Milltown New Jersey 08850, US  
SO Wila-EPS-2001-H46-T1  
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IE; R IT; R LI;  
R LU; R NL; R PT; R SE  
PIT EPB1 EUROPÄISCHE PATENTSCHRIFT  
PI EP

TIEN Sucralose sweetened chewing gum.  
TIDE Mit Sucralose gesüsseter Kaugummi.  
TIFR Gomme a macher educoree par du sucralose.  
IN Cherkurti, Subraman Rao, 10 Jean Drive, Towaco, New Jersey 07082, US;  
Wong, Lucy Lee, 31-21 78th Street, Jackson Heights, New York 11370, US;  
Faust, Steven Michael, 4-51 Audubon Court, Stanhope, New Jersey 07874,  
PA WARNER-LAMBERT COMPANY, 201 Tabor Road, Morris Plains New Jersey 07950, US  
SO Wila-EPZ-1991-H18-T3  
DS R BE; R CH; R DE; R ES; R FR; R GB; R GR; R IT; R LI; R NL; R SE  
PIT EPAL EUROPÄISCHE PATENTANMELDUNG  
PI EP 425115 A1 19910502  
OD

AN 413250 EUROPATFULL UP 20011005 EW 199429 FS PS STA B  
 TIEN Occlusive attaching means for ostomy appliance.  
 TIDE Verschliessbare, anfuegbare Mittel fuer eine Stoma-Vorrichtung.  
 TIFR Moyen d'occlusion a attacher pour utilisation dans l'ostomie.  
 IN Castellana, Frank S., 227 Stuart Road East, Princeton, US;  
 Ferguson, Keith T., 231 Katherine Street, Scotch Plains, NJ, US;  
 Iliadis, Thomas A., 58 Scenic Drive, Freehold, NJ, US;  
 Leise, Walter F., 19 South Homestead Drive, Yardley, PA, US  
 PA E.R. SQUIBB & SONS, INC., P.O.Box 4000, Princeton New Jersey 08543-4000,  
 US  
 SO Wila-EPS-1994-H29-T2  
 DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU;  
 R NL; R SE  
 PIT EPB1 EUROPAEISCHE PATENTSCHRIFT  
 PI EP 413250 B1 19940720  
 OD 19910220  
 AI EP 1990-115237 19900808  
 PRAI US 1989-394619 19890816  
 REP CH 372792 A DE 2534930 A  
 US 4551490 A US 4775374 A  
 IC ICM A61F005-44  
 ICS A61F005-443 A61F005-449

AN 302536 EUROPATFULL UP 20020207 EW 199247 FS PS STA B  
 TIEN Granules for use in treating wounds.  
 TIDE Granulate zur Verwendung bei der Behandlung von Wunden.  
 TIFR Granules pour l'utilisation dans le traitement de blessures.  
 IN Pawelchak, John M., J-20 Avon Drive, East Windsor, US;  
 Freeman, Frank M., 10 Brandon Road, Lawrenceville New Jersey, US  
 PA E.R. SQUIBB & SONS, INC., Lawrenceville-Princeton Road, Princeton New  
 Jersey 08543-400, US  
 SO Wila-EPS-1992-H47-T1  
 DS R AT; R BE; R CH; R DE; R FR; R GB; R IT; R LI; R LU; R NL; R SE  
 PIT EPB1 EUROPÄISCHE PATENTSCHEFT  
 PI EP 302536 B1 19921119  
 OD 19890208  
 AI EP 1988-201241 19830422  
 PRAI US 1982-370893 19820422  
 RLI EP 92999 DIV  
 REP EP 47647 A EP 48323 A  
 EP 75791 A FR 2215230 A  
 FR 2302752 A GB 2061732 A  
 US 3972328 A US 4192785 A  
 US 4225580 A US 4292972 A  
 REN CHEMICAL ABSTRACTS, vol. 98, no. 9, February 1983, page 28, abstract no.  
 65221r, Columbus, Ohio, US; G. FURNADZHIEV et al.: "Experimental study  
 of granulated pectin with a moderate degree of esterification for  
 antiinflammatory activity", & PROBL. VUTR. MED. 1981, 9(2), 67-72  
 IC ICM A61L015-00  
 L1 ANSWER 41 OF 43 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 294886 EUROPATFULL ED 20001001 EW 198850 FS OS STA B  
 TIEN Articles and methods for treating fabrics.  
 TIDE Produkte und Verfahren zur Waeschebehandlung.  
 TIFR Produits et methode pour traiter le linge.  
 IN Nayar, Bala Chandran, 38 Orchard Knoll Drive, Cincinnati Ohio 45215, US  
 PA THE PROCTER & GAMBLE COMPANY, One Procter & Gamble Plaza, Cincinnati  
 Ohio 45202, US  
 SO Wila-EPZ-1988-H50-T1  
 DS R AT; R BE; R CH; R DE; R ES; R FR; R GB; R IT; R LI; R LU; R NL  
 PIT EPA2 EUROPÄISCHE PATENTANMELDUNG  
 PI EP 294886 A2 19881214  
 OD 19881214  
 AI EP 1988-201139 19880606  
 PRAI US 1987-61060 19870610  
 IC ICM C11D017-04  
 ICS C11D001-58

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE



AN 356196 EUROPATFULL ED 20000917 EW 199009 FS OS STA B  
TIEN **Cosmetic** preparation.  
TIDE Kosmetische Zubereitung.  
TIFR Preparation cosmetique.  
IN Goodman, Jack J., 6 Bickford Road, Morristown New Jersey 07960, US;  
Tauman, Harvey S., 4830 Tallowood Lane, Boca Raton Florida 33487, US;  
Fox, Charles, 3908 Tierney Place, Fairlawn New Jersey 07410, US;  
Hart, Thomas J., 93 Mount Pleasant Avenue, Dover New Jersey 07801, US  
PA DENTO-MED INDUSTRIES, INC., 941 Clint Moore Road, Boca Raton Florida  
33487, US  
SO Wila-EPZ-1990-H09-T1  
DS R AT; R BE; R CH; R DE; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL;  
R SE  
PIT EPA2 EUROPAEISCHE PATENTANMELDUNG  
PI EP 356196 A2 19900228  
OD 19900228  
AI EP 1989-308488 19890822  
PRAI US 1988-235601 19880824  
US 1988-235630 19880824  
US 1988-236053 19880824  
IC ICM A61K007-48  
ICS A61K007-42

L2 ANSWER 1 OF 22 USPATFULL  
AN 76:63826 USPATFULL  
TI **Aqueous** compositions to aid in the prevention of bovine  
mastitis  
IN Caughman, Henry Daniel, Lithonia, GA, United States  
Brown, William Edgar, Conyers, GA, United States  
PA Bio-Lab, Inc., Decatur, GA, United States (U.S. corporation)  
PI US 3993777 19761123  
AI US 1975-603947 19750812 (5)  
DT Utility  
FS Granted  
LN.CNT 175  
INCL INCLM: 424/329.000  
NCL NCLM: 514/642.000  
NCTS: 514/643.000  
IC 1

AN 448762 EUROPATFULL ED 20000806 EW 199140 FS OS STA B  
TIEN Ophthalmic treatment system.  
TIDE Ophthalmisches Behandlungssystem.  
TIFR Systeme de traitement ophthalmique.  
IN Kaufman, Herbert E., 300 Lake Marina Drive, New Orleans, Louisiana  
70124, US  
PA Kaufman, Herbert E., 300 Lake Marina Drive, New Orleans, Louisiana  
70124, US  
SO Wila-EPZ-1991-H40-T1  
DS R AT; R BE; R CH; R DE; R DK; R FR; R GB; R IT; R LI; R NL; R SE  
PIT EPA1 EUROPÄISCHE PATENTANMELDUNG  
PI EP 448762 A1 19911002  
OD 19911002  
AI EP 1990-106084 19900329  
IC ICM A61K009-06  
ICS A61K009-52

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 448762 EUROPATFULL UP 20010730 EW 199504 FS PS STA B  
TIEN Ophthalmic treatment system.  
TIDE Ophthalmisches Behandlungssystem.  
TIFR Systeme de traitement ophthalmique.  
IN Kaufman, Herbert E., 300 Lake Marina Drive, New Orleans, Louisiana  
70124, US  
PA Kaufman, Herbert E., 300 Lake Marina Drive, New Orleans, Louisiana  
70124, US  
SO Wila-EPS-1995-H04-T1  
DS R AT; R BE; R CH; R DE; R DK; R FR; R GB; R IT; R LI; R NL; R SE  
PIT EPB1 EUROPÄISCHE PATENT-SCHRIFT  
PI EP 448762 B1 19950125  
OD 19911002  
AI EP 1990-106084 19900329  
REP EP 251680 A EP 322319 A  
US 4115544 A US 4865846 A  
IC ICM A61K009-06  
ICS A61K009-52

L2 ANSWER 17 OF 22 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 424164 EUROPATFULL ED 20000820 EW 199117 FS OS STA B  
TIEN Process and apparatus for preparing a polymer-based foam.  
TIDE Verfahren und Vorrichtung zur Herstellung von polymerem Schaumstoff.  
TIFR Procédé et dispositif pour la production de mousse en polymère.  
IN Carr, Roy D., 8255 Steepleside, Burr Ridge, Illinois 60521, US;  
Sessions, Robert W., German Church Road, Hinsdale, Illinois 60521, US;  
Morin, Peter E., 110th Avenue & 143rd Street, Orland Park, Illinois  
60462, US  
PA FERRIS MFG., CORP., 300 West 83rd Street, Burr Ridge Illinois 60521, US  
SO Wila-EPZ-1991-H17-T3  
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU;  
R NL; R SE  
PIT EPA2 EUROPÄISCHE PATENTANMELDUNG  
PI EP 424164 A2 19910424  
OD 19910424  
AI EP 1990-311474 19901018  
PRAI US 1989-422954 19891018  
IC ICM B29C067-22  
ICS B32B031-06

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 424164 EUROPATFULL UP 20010712 EW 199536 FS PS STA B  
 TIEN Process and apparatus for preparing a polymer-based foam.  
 TIDE Verfahren und Vorrichtung zur Herstellung von polymerem Schaumstoff.  
 TIFR Procédé et dispositif pour la production de mousse en polymère.  
 IN Carr, Roy D., 8255 Steepleside, Burr Ridge, Illinois 60521, US;  
 Sessions, Robert W., German Church Road, Hinsdale, Illinois 60521, US;  
 Morin, Peter E., 110th Avenue & 143rd Street, Orland Park, Illinois  
 60462, US  
 PA FERRIS MFG., CORP., 300 West 83rd Street, Burr Ridge Illinois 60521, US  
 SO Wila-EPS-1995-H36-T3  
 DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU;  
 R NL; R SE  
 PIT EPB1 EUROPAEISCHE PATENTSCRIPT  
 PI EP 424164 B1 19950906  
 OD 19910424  
 AI EP 1990-311474 19901018  
 PRAI US 1989-422954 19891018  
 REP EP 32624 A EP 335669 A  
 FR 1547335 A GB 1034595 A  
 US 2956310 A US 3047449 A  
 US 3804931 A US 3903232 A  
 US 3959049 A US 4267134 A  
 REN WORLD PATENTS INDEX LATEST Week 8801, Derwent Publications Ltd., London,  
 GB; AN 88-002566 &  
 JP-A-62 227 354 (FA CARL FREUDENBERG) 6 October 1987  
 IC ICM B29C044-46  
 ICS B32B031-06

L5 ANSWER 4 OF 10 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 630646 EUROPATFULL ED 20000123 EW 199452 FS OS STA B  
TIEN Controlled-release formulations coated with **aqueous**  
dispersions of ethylcellulose.  
TIDE Formulierungen mit kontrollierter Abgabe, ueberzogen mit waessrigen  
Dispersionen von Ethylcellulose.  
TIFR Formulations a liberation controlee enrobees avec dispersions aqueuses  
d'ethylcellulose.  
IN Oshlack, Benjamin, 351 East 84th Street, New York, New York 10028, US;  
Chasin, Mark, 3 Wayne Court, Manalapan, New Jersey 07726, US;  
Pedi, Frank Jr., 2773 Hyatt Street, Yorktown Heights, New York 10598, US  
PA Euroceltique S.A., 122 Boulevard de la Petrusse, Luxembourg, LU  
SO Wila-EPZ-1994-H52-T1b  
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IE; R IT; R LI;  
R LU; R MC; R NL; R PT; R SE  
PIT EPA1 EUROPAEISCHE PATENTANMELDUNG  
PI EP 630646 A1 19941228  
OD 19941228  
AI EP 1994-109115 19940614  
PRAI US 1993-81618 19930623  
IC ICM A61K009-50  
ICS A61K009-28

L5 ANSWER 5 OF 10 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 553392 EUROPATFULL UP 20000430 EW 199331 FS OS STA B  
TIEN Stabilized controlled release formulations having acrylic polymer  
coating.  
TIDE Stabilisierte Formulierungen mit kontrollierter Abgabe mit einem  
Acrylpolymerueberzug.  
TIFR Formulations stabilisees a liberation controlee enrobees d'une couche de  
polymere acrylique.  
IN Oshlack, Benjamin, 351 East 84th Street, New York, N.Y. 10028, US;  
Chasin, Mark, 3 Wayne Court, Manalpan, New Jersey 07726, US;  
Pedi, Frank, Jr., 2773 Hyatt Street, Yorktown Heights, New York 10598,  
US  
PA Euro-Celtique S.A., 122 Boulevard de la Petrusse, Luxemburg, LU  
SO Wila-EPZ-1993-H31-T1b  
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IE; R IT; R LI;  
R LU; R MC; R NL; R PT; R SE  
PIT EPA1 EUROPAEISCHE PATENTANMELDUNG  
PI EP 553392 A1 19930804  
OD 19930804  
AI EP 1992-113236 19920803  
PRAI US 1992-826084 19920127  
IC ICM A61K009-50  
ICS A61K009-54 A61K009-52

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 553392 EUROPATFULL ED 19991003 EW 199938 FS PS  
TIEN Stabilized controlled release formulations having acrylic polymer  
coating.  
TIDE Stabilisierte Formulierungen mit kontrollierter Abgabe mit einem  
Acrylpolymerueberzug.  
TIFR Formulations stabilisees a liberation controlee enrobees d'une couche de  
polymere acrylique.

IN Oshlack, Benjamin, 351 East 84th Street, New York, N.Y. 10028, US;  
 Chasin, Mark, 3 Wayne Court, Manalpan, New Jersey 07726, US;  
 Pedi, Frank, Jr., 2773 Hyatt Street, Yorktown Heights, New York 10598,  
 US  
 PA Euro-Celtique S.A., 122 Boulevard de la Petrusse, Luxemburg, LU  
 SO Wila-EPS-1999-H38-T1  
 DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IE; R IT; R LI;  
 R LU; R MC; R NL; R PT; R SE  
 PIT EPB1 EUROPÄISCHE PATENTSCHRIFT  
 PI EP 553392 B1 19990922  
 OD 19930804  
 AI EP 1992-113236 19920803  
 PRAI US 1992-826084 19920127  
 REP EP 377518 A EP 463877 A  
 GB 2178313 A  
 IC ICM A61K009-50  
 ICS A61K009-54 A61K009-52

L5 ANSWER 6 OF 10 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 548448 EUROPATFULL ED 20000507 EW 199326 FS OS STA B  
 TIEN Stabilized controlled release substrate having a coating derived from an  
**aqueous** dispersion of hydrophobic polymer.  
 TIDE Stabilisiertes Substrat fuer kontrollierte Freigabe mit von einer  
 waesserigen Dispersion eines hydrophobischen Polymers abgeleiteter  
 Beschichtung.  
 TIFR Substrat stabilise a liberation controlee ayant une couche derivee d'un  
 dispersion aqueuse de polymere hydrophobe.  
 IN Oshlack, Benjamin, 354 East 84th Street, New York, New York 10028, US;  
 Pedi, Frank, 2773 Hyatt Street, Yorktown Heights, New York 10598, US;  
 Chasin, Mark, 3 Wayne Court, Manalapan, New Jersey 07726, US  
 PA Euro-Celtique S.A., 122 Boulevard de la Petrusse, Luxemburg, LU  
 SO Wila-EPZ-1993-H26-T1b  
 DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU;  
 R NL; R PT; R SE  
 PIT EPA1 EUROPÄISCHE PATENTANMELDUNG  
 PI EP 548448 A1 19930630  
 OD 19930630  
 AI EP 1992-106519 19920415  
 PRAI US 1991-814111 19911224  
 IC ICM A61K009-50  
 ICS A61K009-54

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 548448 EUROPATFULL UP 20000917 EW 200036 FS PS  
 TIEN Stabilized controlled release substrate having a coating derived from an  
**aqueous** dispersion of hydrophobic polymer.  
 TIDE Stabilisiertes Substrat fuer kontrollierte Freigabe mit von einer  
 waesserigen Dispersion eines hydrophobischen Polymers abgeleitete  
 Beschichtung.  
 TIFR Substrat stabilise a liberation controlee ayant une couche derivee d'un  
 dispersion aqueuse de polymere hydrophobe.  
 IN Oshlack, Benjamin, 354 East 84th Street, New York, New York 10028, US;  
 Pedi, Frank, 2773 Hyatt Street, Yorktown Heights, New York 10598, US;  
 Chasin, Mark, 3 Wayne Court, Manalapan, New Jersey 07726, US  
 PA Euro-Celtique S.A., 122 Boulevard de la Petrusse, Luxemburg, LU  
 SO Wila-EPS-2000-H36-T1  
 DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU;  
 R NL; R PT; R SE

PIT EPB1 EUROPÄISCHE PATENTSCHRIFT  
 PI EP 548448 B1 20000906  
 OD 19930630  
 AI EP 1992-106519 19920415  
 PRAI US 1991-814111 19911224  
 REP GB 2170104 A  
 REN D. L. MUNDAY, A. R. FASSIHI '5th Congr. int. technol. pharm. volume 2, changes in drug release rate, effect of temperature and relative humidity on polymeric film coatings' 1989, ASSOC. PHARM. GALENIQUE IND., CHATENAY MALABRY, FR  
 IC ICM A61K009-50  
 ICS A61K009-54

L5 ANSWER 7 OF 10 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 449782 EUROPATFULL ED 20000806 EW 199140 FS OS STA B  
 TIEN Encapsulated flavor with bio-adhesive character in pressed mints and confections.  
 TIDE Eingekapseltes Aroma mit bioadhesivem Charakter in gepressten Minztabletten und Süßwaren.  
 TIFR Arome encapsule a caractere bioadhesif en comprimés a la menthe et confiserie.  
 IN Cherukuri, Subraman Rao, 10 Jean Drive, Towaco N.J. 07082, US;  
 Raman, Krishna P., 5 Marre Drive, Randolph, N.J. 07869, US;  
 Mansukhani, Gul, 97 Petrus Avenue, Staten Island, N.Y. 10312, US;  
 Orama, Angel Manual, 10 Elizabeth Avenue, Stanhope, N.J. 07874, US  
 PA WARNER-LAMBERT COMPANY, 201 Tabor Road, Morris Plains New Jersey 07950, US  
 SO Wila-EPZ-1991-H40-T3  
 DS R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R NL; R SE  
 PIT EPA1 EUROPÄISCHE PATENTANMELDUNG  
 PI EP 449782 A1 19911002  
 OD 19911002  
 AI EP 1991-810213 19910325  
 PRAI US 1990-502464 19900330  
 IC ICM A23G003-00

L5 ANSWER 8 OF 10 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 318066 EUROPATFULL ED 20000924 EW 198922 FS OS STA B  
 TIEN Aryl-substituted thiophene 3-ols, derivatives and analogs, as lipoxxygenase inhibitors.  
 TIDE Aryl-substituierte Thiophen-3-ole, ihre Derivate und Analoge als Lipoxxygenase-Inhibitoren.  
 TIFR Thiophene-3-ols aryl-substitues, derives et analogues, en tant qu'inhibiteurs de lipoxxygenase.  
 IN Witzel, Bruce E., 115 Scotch Plains Avenue, Westfield New Jersey 07090, US;  
 Allison, Debra L., 42 Commonwealth Drive, Basking Ridge New Jersey 07920, US;  
 Caldwell, Charles G., 20 Tussel Lane, Scotch Plains New Jersey 07076, US;  
 Rupprecht, Kathleen, 710 Springfield Avenue, Cranford New Jersey 07016, US  
 PA MERCK & CO. INC., 126, East Lincoln Avenue P.O. Box 2000, Rahway New Jersey 07065-0900, US  
 SO Wila-EPZ-1989-H22-T1  
 DS R CH; R DE; R FR; R GB; R IT; R LI; R NL

PIT EPA1 EUROPÄISCHE PATENTANMELDUNG  
 PI EP 318066 A1 19890531  
 OD 19890531  
 AI EP 1988-202030 19880916  
 PRAI US 1987-99581 19870922  
 US 1987-99586 19870922  
 US 1987-99574 19870922  
 IC ICM C07D333-32  
 ICS C07D333-64 C07D333-78 C07D333-80 C07D333-50  
 C07D409-04 A61K031-38 A61K031-44 C07D333-00  
 C07D409-00 C07D307-00

L5 ANSWER 9 OF 10 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 309051 EUROPATFULL ED 20001001 EW 198913 FS OS STA B  
 TIEN Controlled porosity osmotic pump.  
 TIDE Osmotische Pumpe mit kontrollierter Porosität.  
 TIFR Pompe osmotique a porosite controlee.  
 IN Haslam, John L., RR No. 2, Box 259B, Lawrence Kansas 66044, US;  
 Rork, Gerald S., RR No. 5, Box 274B, Lawrence Kansas 66044, US  
 PA MERCK & CO. INC., 126, East Lincoln Avenue P.O. Box 2000, Rahway New  
 Jersey 07065-0900, US  
 SO Wila-EPZ-1989-H13-T1  
 DS R AT; R BE; R CH; R DE; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL;  
 R SE  
 PIT EPA1 EUROPÄISCHE PATENTANMELDUNG  
 PI EP 309051 A1 19890329  
 OD 19890329  
 AI EP 1988-202034 19880916  
 PRAI US 1987-100665 19870924  
 US 1987-100676 19870924  
 IC ICM A61K009-22  
 ICS A61M031-00

L5 ANSWER 10 OF 10 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 303445 EUROPATFULL ED 20001001 EW 198907 FS OS STA B  
 TIEN Clebopride transdermal patch.  
 TIDE Pflaster zur transdermalen Applikation von Cleboprid.  
 TIFR Pansement pour l'administration transdermique de clebopride.  
 IN Yamazaki, Keiko, No. 313-31, Machida Ouchi-cho Okawagun, Kagawa  
 Prefecture, JP;  
 Kawaji, Toshikuni No. 2-502 Koyosokushinjutaku, Nagaoshukusha, No. 770-8  
 Zotakorehiro, Nagao-cho Okawagun Kagawa Pref., JP  
 PA FORDONAL S.A., Calle Lerida 9, Madrid, ES  
 SO Wila-EPZ-1989-H07-T1  
 DS R AT; R BE; R CH; R DE; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL;  
 R SE  
 PIT EPA1 EUROPÄISCHE PATENTANMELDUNG  
 PI EP 303445 A1 19890215  
 OD 19890215  
 AI EP 1988-307355 19880809  
 PRAI JP 1987-203311 19870813  
 IC ICM A61L015-03

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